

Borehole 27-MW-5page 1 of 2

## Log of Borehole

Project <u>Vandenberg</u>	8" Hole Depth <u>75 feet</u>	START <u>8/8/87</u> FINISH <u>8/9/87</u>
Location <u>Site #27 395A</u>	12" Hole Depth <u>75 feet</u>	Date <u>8/8/87</u> <u>8/9/87</u>
Geologic Log by <u>C. Woods</u>	Depth to Water <u>57.8 feet</u>	Time <u>1220</u> <u>1030</u>
Driller <u>Fred Carey (Beylik)</u>	Rig <u>CME 55 ATV</u>	How Left <u>Locked,</u>
Drilling Method <u>Hollow-stem Auger</u>	Bit(s) <u>Finger-tooth Auger Bit</u>	<u>above-ground</u>
Weather <u>Partly Cloudy/75 degrees F</u>	TOC Elevation <u>374.0 feet</u>	<u>well completion.</u>

Depth	Pene. Rate/ Blow Cts	OVA/ Sample	OVA/ Hole	Sample		Geologic and Hydrologic Description		% Core Recovery
				#	Interval			
0								
5	2, 4, 5	4.2	0.0		34-5	34'-5':	Sand, very well sorted, fine grained, quartz with some feldspar, very minor fines, few RX fragments, rounded-subangular, quartz, strong brown (7YR 5/8). (SP)	100%
10	2, 3, 6	2.8	0.0		84-10	84'-10':	Sand, same as above, chert fragments, chert is dark reddish brown (5YR 3/3), sample is very slightly moist, very little quartz. (SP)	100%
15	7, 9, 13	1.8	0.0		134-15	134'-15':	Sand, same as above except more quartz, very well sorted, reddish yellow (5YR 5/8), bottom of sample has mottled appearance, very clean. (SP)	100%
20	17, 20	32	1.8	5605	184-20	184'-20':	Sand, same as above except medium fine grained, very clean, quartz, reddish yellow (7YR 6/6), moist. (SP)	100%
25	16, 20	11	5.6	5606	234-25	234'-25':	Sand, same as above except clean, yellowish brown (10YR 5/4). (SP)	90%
30	15, 25, 35	10	.7		284-30	284'-30':	Sand, same as above. (SP)	100%
35	13, 18	.4	0.0		334-35	334'-35':	Sand, fine grained, slightly more moist, very clean, rounded-subangular, quartz, feldspar, compact, yellow (10YR 7/6). (SP)	100%

OVA background 1.8ppm

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				#	Interval			
35								
40	16.20	0.0	0.0	5607	38 1/2'-40'		38 1/2'-40': Sand, fine to very fine grained, very well sorted, clean, minor quartz zones, predominately quartz, compact, very pale brown (10YR 7/4), slightly moist. (SP)	100%
45	25.30	10	1.0		43 1/2'-45'		43 1/2'-45': Sand, fine to very fine, same as above, very quartz, strong brown (7.5YR 5/8). (SP)	100%
50	27.25	8.2	3.6		48 1/2'-50'		48 1/2'-50': Clay, pinkish gray (5YR 7/2). (CL)	100%
55	11.12	10.0	3.2		53 1/2'-55'		53 1/2'-55': Sand, very poorly sorted, pebbly, rounded pebbles, cherty, no quartz, dark brown (7.5YR 4/2), slightly moist. (SP)	100%
60	15.23	1.2	0.0		58 1/2'-60'		58 1/2'-60': Sand, very clayey, pebbly, similar to above, brown (7YR 5/2), wet. (SP)	100%
65	12.15	1.0	0.0		63 1/2'-65'		63 1/2'-65': Sand, same as above except very poorly sorted, clay mix. (SP)	
					75'		Total depth, no sample taken.	